



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

**DATA MATRIX**

Date January 2019		EPA Reg No./File Symbol 241-418		Page 1 of 3	
Applicant's/Registrant's Name & Address BASF Corporation, 26 Davis Drive, P.O. Box 13528, Research Triangle Park, NC 27709-3528		Product: Prowl H2O herbicide (BAS 455 21 H, BAS 455 38 H, BAS 455 47 H, BAS 455 48 H, BAS 455 76 H))			
Ingredient Pendimethalin: CAS Registry No. 40487-24-1 (EPA Reg.No. 241-245)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	<b>Product Identity and Composition</b>				
830.1550 (61-1)	Product identity and composition	454327201	BASF Corporation	Own	
830.1600 (61-2)	Description of materials used to produce the product	454327201	BASF Corporation	Own	
830.1620 (61-2)	Description of the production process				N.R. <sup>1</sup>
830.1650	Description of formulation process	454327201	BASF Corporation	Own	
830.1670 (61-3)	Discussion of formation of impurities	454327201	BASF Corporation	Own	
	<b>Analysis and Certified Limits</b>				
830.1700 (62-1)	Preliminary Analysis				N.R. <sup>1</sup>
830.1750 (62-2)	Certified limits	45327202	BASF Corporation	Own	
830.1800 (62-3)	Enforcement analytical method	45327202	BASF Corporation	Own	
	<b>Physical and Chemical Characteristics</b>				
830.6302 (63-2)	Color	45351101 50752001	BASF Corporation	Own	BAS 455 76 H
830.6303 (63-3)	Physical state	45351101 50752001	BASF Corporation	Own	BAS 455 76 H
830.6304 (63-4)	Odor	45351101 50752001	BASF Corporation	Own	BAS 455 76 H

Signature:

Name and Title:

Craig D. Kleppe, Product Registration Manager

Date:

January 23-2019





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6313 (63-13)	Stability to normal and elevated temperatures, metals, and metal ions	45327203 45327204	BASF Corporation	Own	
830.7300 (63-7)	Density, bulk density or specific gravity	45351101 50752001	BASF Corporation	Own	BAS 455 76 H
830.7000 (63-12)	pH	45351101 50752001	BASF Corporation	Own	BAS 455 76 H
830.6314 (63-14)	Oxidizing or reducing action	45351101	BASF Corporation	Own	
830.6315 (63-15)	Flammability	45351101	BASF Corporation	Own	
830.6316 (63-16)	Explosibility	45351101	BASF Corporation	Own	
830.6317 (63-17)	Storage stability	45351101	BASF Corporation	Own	
830.7100 (63-18)	Viscosity	45351101 50752001	BASF Corporation	Own	BAS 455 76 H
830.6319 (63-19)	Miscibility				N.R. <sup>3</sup>
830.6320 (63-20)	Corrosion characteristics	45327203	BASF Corporation	Own	
830.6321 (63-21)	Dielectric breakdown voltages				N.R. <sup>4</sup>
	<b>Acute Toxicity Testing</b>				
870.1100 (81-1)	Acute oral toxicity	45327205	BASF Corporation	Own	

Signature:

Name and Title:

Craig D. Kleppe, Product Registration Manager

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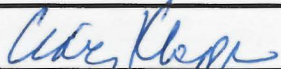
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<b>Ingredient</b> Pendimethalin: CAS Registry No. 40487-24-1 (EPA Reg.No. 241-245)					
<b>Guideline Reference Number</b>	<b>Guideline Study Name</b>	<b>MRID Number</b>	<b>Submitter</b>	<b>Status</b>	<b>Note</b>
870.1200 (81-2)	Acute dermal toxicity	45327206	BASF Corporation	Own	
870.1300 (81-3)	Acute inhalation toxicity	45327207	BASF Corporation	Own	
870.2400 (81-4)	Primary eye irritation	45327208	BASF Corporation	Own	
870.2500 (81-5)	Primary dermal irritation	45327209	BASF Corporation	Own	
870.2600 (81-6)	Dermal sensitization	45327210	BASF Corporation	Own	

## Footnotes:

- (1) Data not submitted because end-use product is not produced by an integrated formulation system.
- (2) Not required for an end-use product.
- (3) Not required because product is not to be diluted with petroleum solvents
- (4) Not applicable since product is not recommended for use around electrical equipment
- (5) Not applicable since the product is water based, not solvent based, and the product volatilizes at a temperature less than the temperature limit considered to be flammable.

<b>Signature:</b> 	<b>Name and Title:</b> Craig D. Kleppe, Product Registration Manager	<b>Date:</b> January 23-2019
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